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Title: JP9183514A2: PALLET TRANSFER LIFTER

Country: JP Japan
Kind: A

Inventor: HAMADA SHINICHIRO;

Assignee: TSUBAKIMOTO CHAIN CO
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Published / Filed: 1997-07-15 / 1996-01-04

Application Number: JP1996000000064

IPC Code: B65G 47/52;

Priority Number: 1996-01-04 JP1996000009664

Abstract:

PROBLEM TO BE SOLVED: To provide a simple device to transfer each pallet from one transport surface to another where a step exists in between.
SOLUTION: Four columnar support frames 12 installed upright on a floor surface have each a rotary support shaft 14 to which a pallet bearing rotary arm 16 is attached. Pallet bearing pawls 20 in L-shape are installed protrusively and opposingly at the tips of the rotary arms 16. On the outside of the frames, four swing arms 18 are attached to the respective shafts 14, and the arms 16 make interlocked revolution individually. Between the front and rear arms 16, a pallet transport drive device 28 is installed on the left and the right of a lifter 10, wherein the arms 16 revolve interlockingly to send out each pallet lifted and carried by the pawls 20 to a conveyor C. A slider 30 installed in the upper part of the drive device moves from the left and the right edge to the pallet undersurface. and the pallet after being lifted and carried is sent out to the conveyor C by a plurality of drive rollers 32 installed protrusively and opposingly.
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Family: None

Other Abstract Info: None

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